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Trefoil family of peptides

Peptide	Number of trefoil domains	Species
Intestinal Trefoil Factor (ITF)		Rat Human
Breast cancer associated peptide (pS2)		Human
Spasmolytic polypeptide (hSP) (PSP) (mSP)		Human Porcine Mouse
Spasmolysins (xP1)		Frog
(xP4)		Frog

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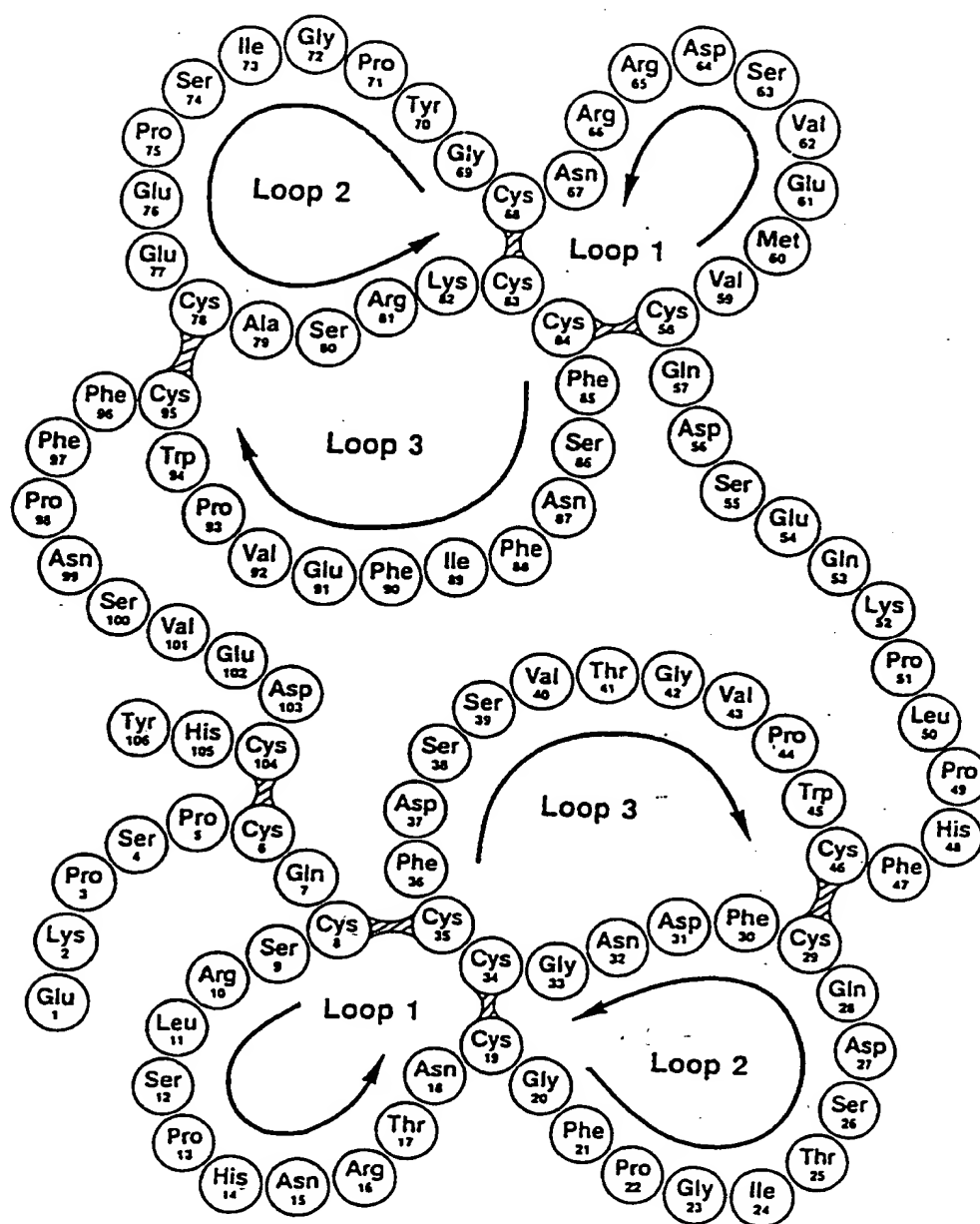


Fig. 2

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EcoRI

GAATTCATTCAAGAATAGTTCAAACAAGAAGATTACAACTATCAATTCATACACAAT

ATAAACGACCAAAAGAATGAAGGCTGTTTTCTTGGTTTTGTCCTTGATCGGATTCTGCTG
M K A V F L V L S L I G F C WGGCCCAACCAGTCACTGGCGATGAATCATCTGTTGAGATTCCGGAAGAGTCTCTGATCAT
A Q P V T G D E S S V E I P E E S L I ICGCTGAAAACACCACTTTGGCTAACGTCGCCATGGCTGAGAGATTGGAGAAGAGAgagaa
A E N T T L A N V A M A E R L E K R E KDde I 1
accctccccctgccagtgctccaggcTGAGCCCCCATAACAGGACGAACTGCGGCTTCCC
P S P C Q C S R L S P H N R T N C G F PTGGAATCACCAGTGACCAGTGTTTTGACAATGGATGCTGTTTCGACTCCAGTGTCACTGG
G I T S D Q C F D N G C C F D S S V T GAvaII 2 4
Ggtccccctggtgtttccacccccctcccaaagcaagagtcggatcagtgcgatcatggaggt
V P W C F H P L P K Q E S D Q C V M E VDde I
CTCAGACAGAAGAACTGTGGCTACCCGGGCATCAGCCCCGAGGAATGCGCCTCTCGGAA
S D R R N C G Y P G I S P E E C A S R KNco I 5
GTGCTGCTTCTCCAACCTTCATCTTTGAAGTGCCatggtgcttcttcccgaaactctgtgga
C C F S N F I F E V P W C F F P N S V EXba I
agactgccattactaagtCTAGA
D C H Y

Fig. 3

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hSP expression vector

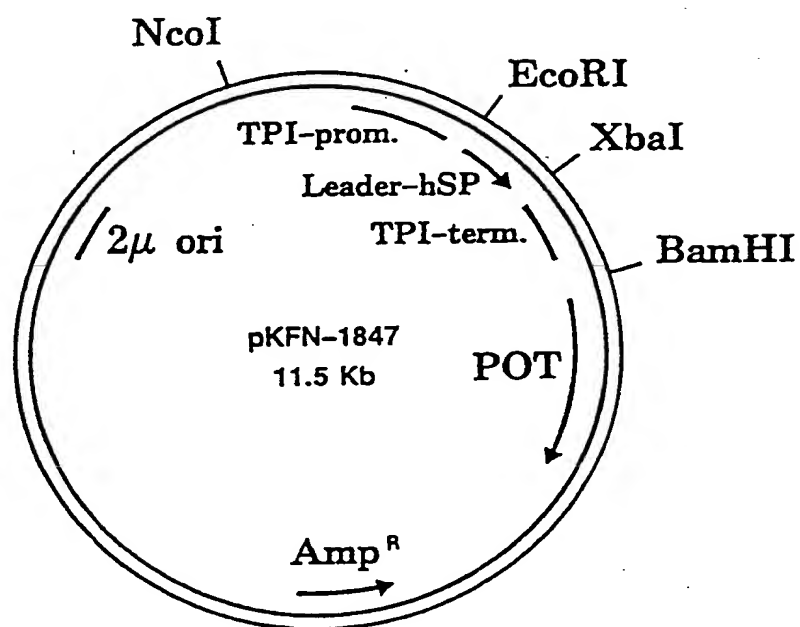


Fig. 4

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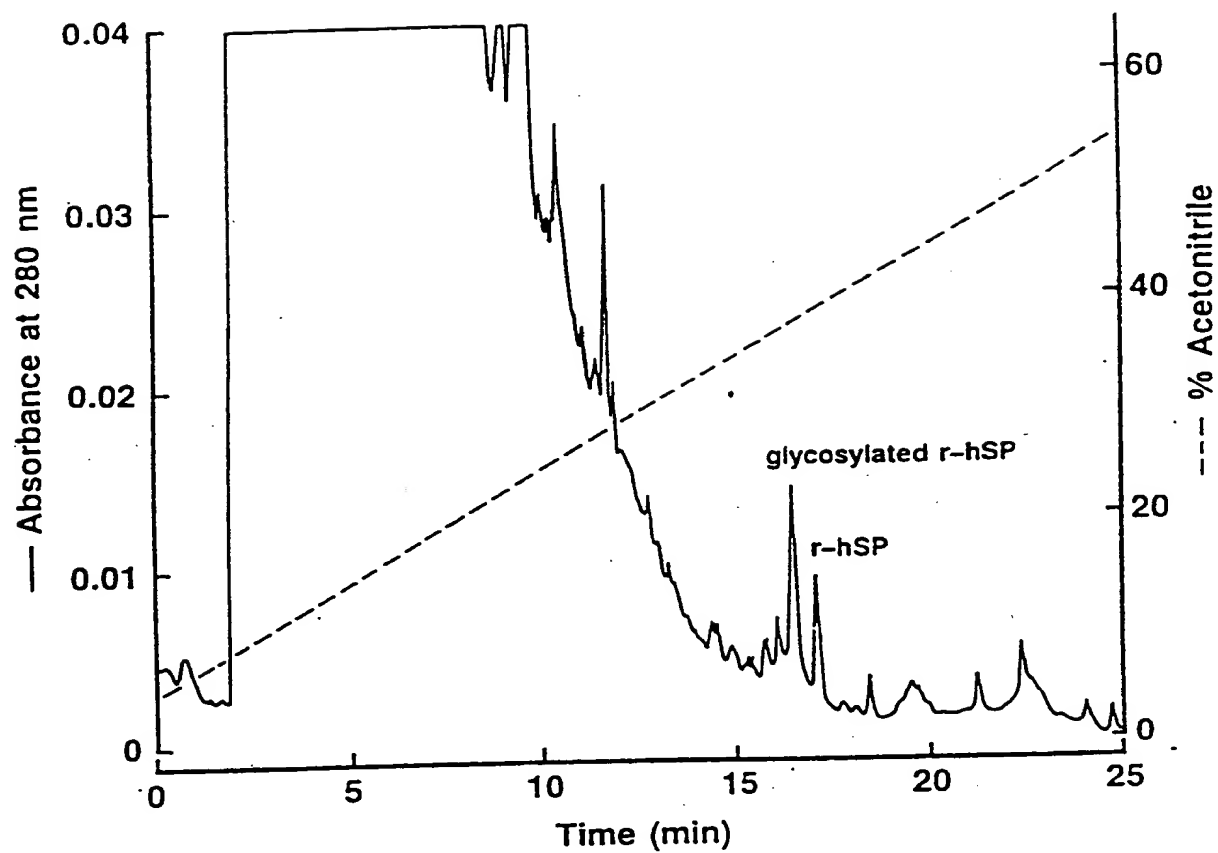


Fig. 5

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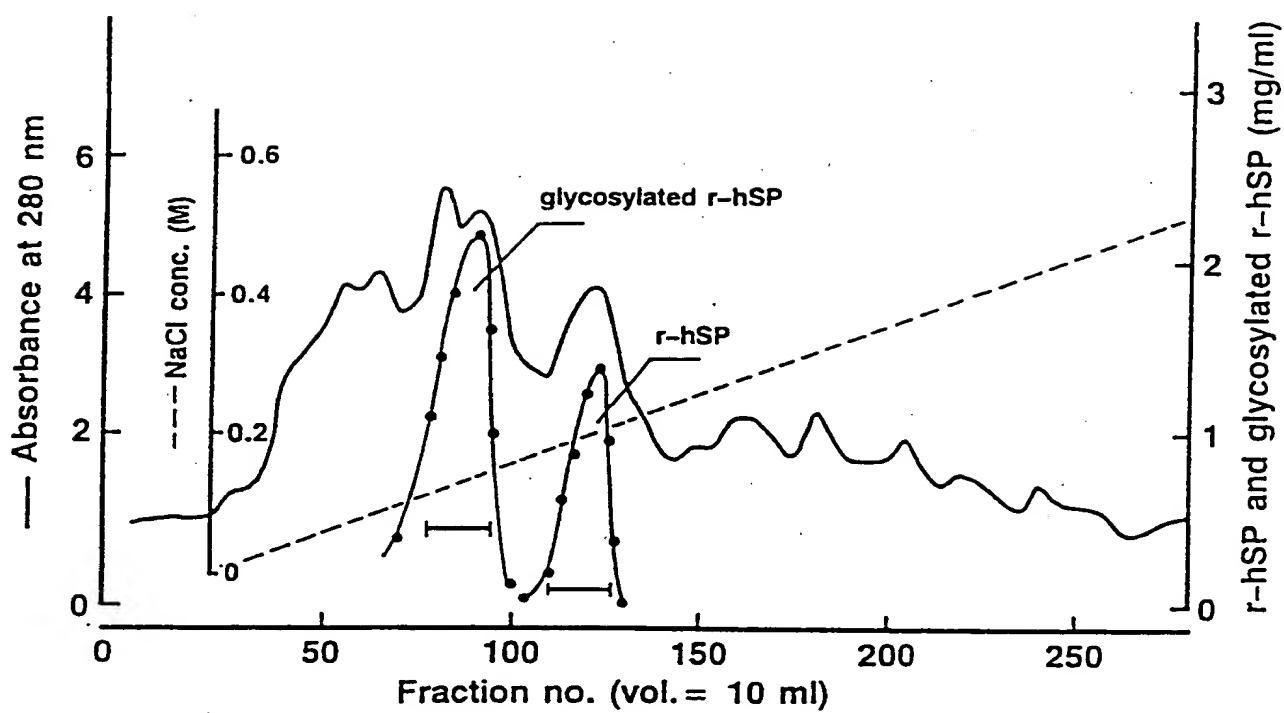


Fig. 6

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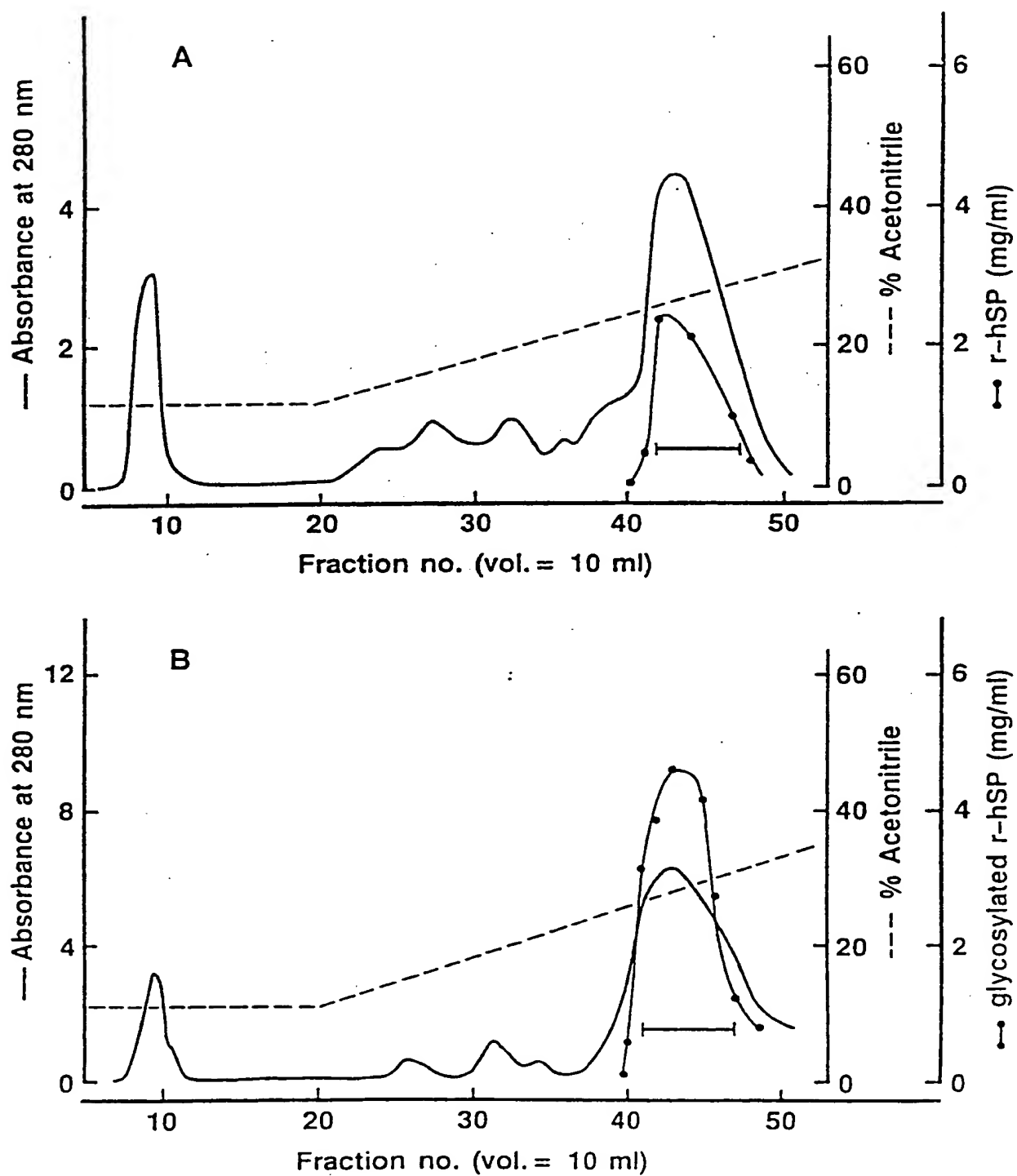


Fig. 7

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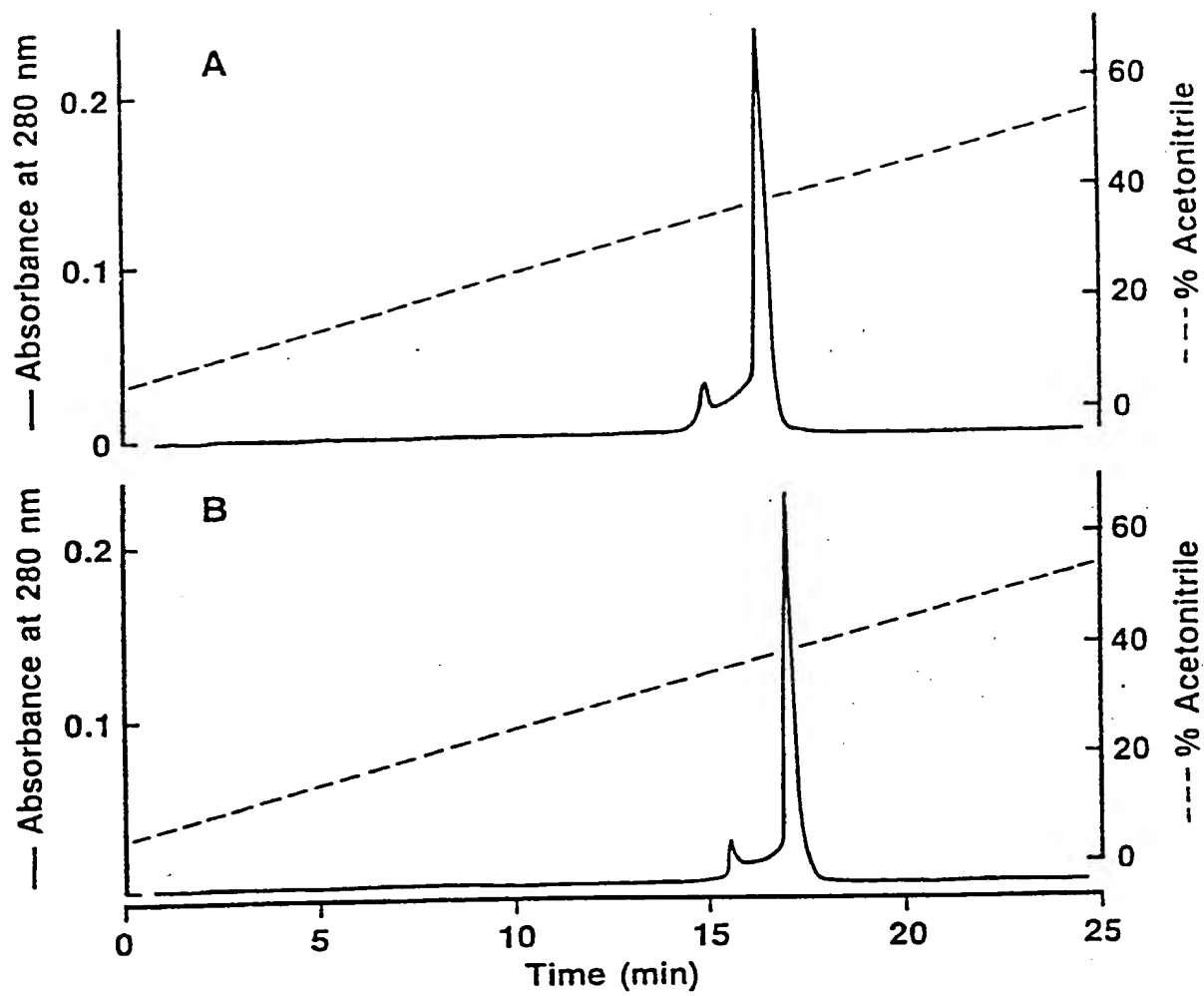


Fig. 8

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